





**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:** Lewis, et al.

**Docket No.:** AOL0156

**Serial No. :** 10/719, 106

**Art Unit:** 2142

**Filed:** November 21, 2003

**Examiner:** Unknown

**Title:** SYSTEM AND METHOD TO FACILITATE REAL-TIME COMMUNICATIONS AND CONTENT SHARING AMONG USERS OVER A NETWORK

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
September 13, 2004

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is submitted:

☒ (X) under 37 CFR 1.97(b), or

(within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:

☐ ( ) Certification under 37 CFR 1.97(e), or

☐ ( ) a \$220.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ ( ) under 37 CFR 1.97(d) together with a:

☐ ( ) Certification under 37 CFR 1.97(e), and

☐ ( ) a \$220.00 fee under 37 CFR 1.17(d)(2)(ii), and

☐ ( ) a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1)

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

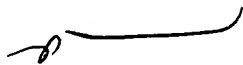
☒ (X) The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 07-1445 (Order No. AOL0156). A copy of this sheet is enclosed for accounting purposes.

☒ (X) Applicant(s) submit herewith Form PTO 1449 -- Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.25.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 156(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

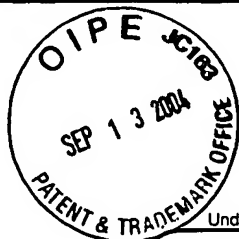
It is requested that the information disclosed herein be made of record in this application.

Respectfully Submitted,



Michael Glenn  
Attorney For Applicant  
Reg. No. 30,176

Customer No. 22862



PTO/SB/08A (02-03)

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STATEMENT BY APPLICANT**

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Sheet 1 of 4

**Complete if Known**

Application Number	10/719,106
Filing Date	11/21/2003
First Named Inventor	Lewis et al.
Art Unit	2142
Examiner Name	Unknown
Attorney Docket Number	AOL0156

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 5,991,824	11/23/99	Strand, et al.	
	B	US- 6, 219,669	4/17/01	Haff, et al.	
	C	US- 6, 248,946	6/19/01	Dwek	
	D	US- 2001/0018858 A1	9/6/01	Dwek	
	E	US- 2002/0027567 A1	3/7/02	Niamir	
	F	US- 2002/0073149	6/13/02	Young	
	G	US- 2002/0120783 A1	8/29/02	Evgey	
	H	US- 6,496,851	12/17/02	Morris, et al.	
	I	US- 2003/0009518 A1	1/9/03	Harrow, et al.	
	J	US- 2003/0009570 A1	1/9/03	Moskowitz	
	K	US- 2003/0028451 A1	2/6/03	Ananian	
	L	US- 2003/0061287 A1	3/27/03	Yu, et al.	
	M	US- 2003/0065774 A1	4/3/03	Steiner, et al.	
	N	US- 2003/0097299 A1	5/22/03	O'Kane, et al.	
	O	US- 2003/0100965 A1	5/29/03	Strick, et al	
	P	US- 2003/0110925 A1	6/19/03	Strick, et al.	
	Q	US- 2003/0110926 A1	6/19/03	Strick, et al	
	R	US- 2003/0171982A1	9/11/03	Paul	
	S	US- 2003/0225846	12/4/03	Heikes, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
	T	KR 200207759		Jang		
	U	KR 2001083827 d	7/2/01	Oh		
	V	KR 2001083828	7/2/01	Oh		
	W	JP 2003067276	8/22/01	Tetsuya et al.		

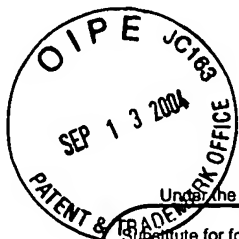
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**OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	Y	HYOUNG-DO, K., "A Virtual Music Network service Scalable to Network and Terminal Characteristics", Proceedings of the 11996 Pacific Workshop on Distributed Multimedia Systems, pgs 246-50, Knowledge Syst Inst Skokie, IL, USA, 1996	
	Z	MACEDONIA, M., "Distributed File Sharing: Barbarians At The Gates?"; Computer, Vol. 33, no. 8, pgs 99-101, IEEE Comput. Soc, USA, Aug. 2000	
	A1	ADAR, E. et al. "Free Riding on Gnutella"; First Monday, Vol. 5, No. 10, Oct. 2000	
	B1	BARNHART, A.; "Share and Share Alike [P2P Technology]: Software Development, vol. 9, No. 2, pgs 31-5, Miller-Freeman; Feb. 2001	
	C1	MITSUOKA, M., WATANABE, S., KAKUTA, J., OKUYAMA, S., "Instant Messaging with Mobile Phones to Support Awareness", Applications and the Internet, January 2001. Pgs 223-230	
	D1	DELANEY, B.; "The Power of P2P", IEEE Multimedia, vol.8, no.2, p.100-3; IEEE, USA, April-June 2001	
	E1	HAYES, C., et al. "Smart Radio-Building Musci on The Fly", Applications and Innovations in Intelligent Systems VIII. Proceedings of ES2000, the Twentieth SGES international Conference on Knowledge Based Systems and Applied Artificial Intelligence, Pgs 129-38; Springer-Verlag	
	F1	HAYES, C., et al., "Smart-Radio - Community Based Music Radio", Knowledge-Based Systems, vol. 14, no.3-4, pgs 197-2-1, Elsevier, UK, 2001	
	G1	HUMMEL, J. et al. "The Community Model of Content Management"; Towards the E-Society:E-Commerce, E-Business, E-Government (13E 2001) pgs 231-46; Kluwer Academic Publisher, Norwell, MA, USA, 2001	
	H1	LECHNER, U.; "Peer to Peer File Sharing"; Innovative Internet Computing Systems. Second International Workshop, IICS 2002. Proceedings (Lecture Notes in Computer Science Vol. 2346) pgs 229-49; Springer-verlag, Berlin Germany 2002	

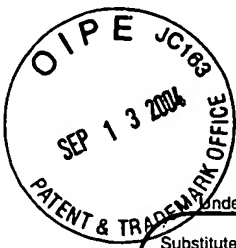
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Sheet 4

of

4

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	I1	CHERRY, S., "IM Means Business" - Spectrum, IEEE, Vol.39, Issue: 11, November 2002, Pgs 28-32	
	J1	DREWS, C. et al, "Virtual Jukebox: Reviving a Classic", Proceedings of the 335th Annual Hawaii International Conference on System Sciences, pgs 887-93, IEEE Comput. Soc. Los Alamitos, CA, USA 2002	
	K1	GRIMM, R. et al. "Peer to Peer Music Sharing with Profit but Without Copy Protection", Proceedings Second International Conference on WEB Delivering of Music" WEDELMUSIC 2002, pgs 17-22; IEEE Comput. Soc. Los Alamitos, CA, USA 2002	
	L1	BELLINI, P. et al. "Multimedia Music Distribution and Sharing Among Mediatiques, Archives and Their Attendees", Proceedings Second International Conference on WEB Delivering of Music, WEDELMUSIC 2002, pgs 23-9, IEEE Comput Soc, Los Alamitos, CA, USA 2002	
	M1	HAYES, C. et al. "Programme Driven Music Radio", ECAI 2002 15th European Conference on Artificial Intelligence Proceedings, pg. 633-7; IOS Press, Amsterdam, Netherlands 2002	
	N1	NG, W.; "A Self-Configurable Peer to Peer System;" Department of Computer Science, National University of Singapore;	
	G1	(No author given) "The User's Perspective of Context Dependent Systems";	
	H1	ROMAN, M., et al. "A User-Centric, Resource-aware, Context-sensitive, Multi-device Application framework for Ubiquitous Computing Environments"; Department of Computer Science, Univ. of Illinois at Urbana-Champaign	

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